

Affordable Network Capacity



Need a quantum leap in office network capability? NETGEAR delivers a cost-effective solution – the JFS524. This unmanaged 10/100 Mbps Fast Ethernet switch provides expanded connectivity for small office networks so users no longer have to compete with each other for bandwidth. All of the essential features – automatic speed and full/half duplex sensing, 200 Mbps throughput per port, Auto Uplink™ – are included, but at an economical price that a value-conscious business owner can't ignore.

**Frugal**

Twenty-four ports of speed and capacity at a modest price, with no compromising on quality – that's what you can expect from NETGEAR's hardworking JFS524.

**Skillful**

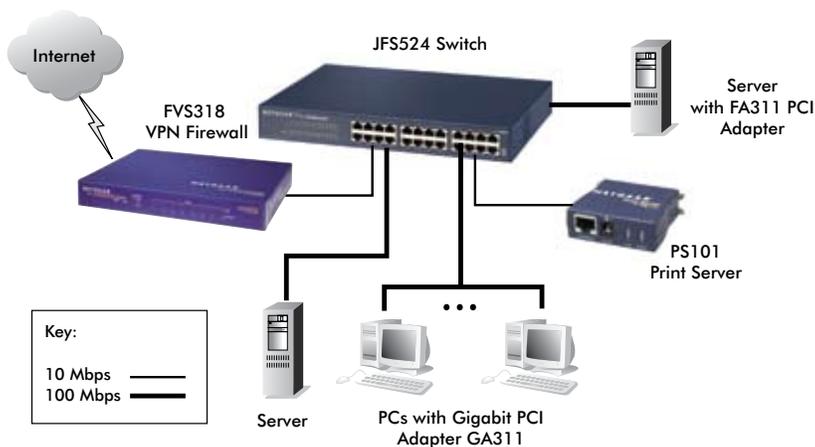
Switched 10/100 Mbps ports provide private bandwidth for PCs, servers, or hubs, and support 200 Mbps of throughput. Each port delivers 200 Mbps of network speed in full-duplex mode.

**Alert**

Ever-vigilant, the JFS524 begins to operate as soon as it's powered on – with no configuration required. All 24 ports deliver automatic speed and full/half duplex sensing, plus Auto Uplink™, which adjusts for straight-through or crossover cables to make the right link.

**Obliging**

This rugged metal unit is conveniently compact for an uncluttered desktop or easy rack mounting. And it lets you easily intermix 10 and 100 Mbps devices within your unmanaged network.



**Technical Specifications**

- **Network Ports**
  - 24 10 or 100 Mbps RJ-45 ports
- **Performance (64 byte packets)**
  - Store-and-forward packet switching
  - Forward rate (10 Mbps)  
14,800 packet per sec.
  - Forward rate (100 Mbps)  
148,000 packet per sec.
  - Latency (10 to 100 Mbps) 20 usec max
  - MAC addresses 4,000
  - Queue buffer KBytes 320
  - Mean time between failures (MTBF):  
110,000 hours (~13 years)
- **Physical Specifications**
  - Dimensions (h x w x d):  
43 x 330 x 202 mm  
(1.7 x 13 x 8 in)
  - Weight: 2.0 kg (4.4 lb)
- **AC Power**
  - 15W maximum
  - Auto-sensing 100 to 240V, 50/60 Hz
  - Localized plug for North America,  
Japan, UK, Europe, Australia
- **Standards Compliance**
  - IEEE 802.3i 10BASE-T Ethernet
  - IEEE 802.3u 100BASE-TX Fast Ethernet
  - Compatible with all major network  
software

**• Status LEDs**

- Unit: Power
- Per network port: 10 or 100 Mbps  
operations, Rx/Tx and collision, link,  
half/full duplex

**• Electromagnetic Emissions**

- CE mark, commercial
- FCC Part 15 Class
- EN 55022 (CISPR 22), Class A
- VCCI Class A
- C-Tick
- MIC

**• Environmental Specifications**

- Operating temperature: 0° to 40° C
- Operating humidity: 80% max.  
relative humidity, non-condensing

**• Safety Agency Approvals**

- UL listed (UL 1950)/CUL

**Warranty**

- NETGEAR Lifetime Warranty†

**ProSupport™ Service Packs Available**

- **OnCall 24x7, Category 1**
  - PMB0331-100 (US)
  - PMB0331 (non-US)
- **XPressHW, Category 1**
  - PRR0331

**Package Contents**

- ProSafe 24-Port 10/100 Mbps Fast  
Ethernet Switch (JFS524)
- Power cord
- Rack-mount kit
- User guide
- Warranty card
- Support card

**Ordering Information**

- North America: JFS524NA
- Europe: JFS524-100EUS
- Asia: JFS524AU
- Japan: JFS524JP

**NETGEAR®**

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\*Free basic installation support provided for 90 days from date of purchase. Advanced product features and configurations are not included in free basic installation support; optional premium support available.

†Lifetime warranty for product purchased after 05/01/2007. For product purchased before 05/01/2007, warranty is 2 years.